DERWENT-ACC-NO: 1980-90706C

DERWENT-WEEK: 198245

TITLE: Laying undersea pipeline in j-mode by ship having two pivoting masts each combining loading and laying functions and operating alternately

INVENTOR: THOME P

PATENT-ASSIGNEE: GAZ DE FRANCE[GAZD]

PRIORITY-DATA: 1979FR-014093 (June 1, 1979) , 1980EP-400735 (May 27, 1980)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
EP 20257 A	December 9, 1980	FR
NO 8001622 A	December 28, 1980	NO
FR 2458020 A	January 30, 1981	FR
EP 20257 B	September 15, 1982	FR
DE 3060847 G	November 4, 1982	DE

DESIGNATED-STATES: AT BE CH DE GB IT LI LU NL SE AT BE CH DE GB IT LI LU NL SE

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
EP 20257A	N/A	1980EP-400735	May 27, 1980
EP 20257B	N/A	1980EP-400735	May 27, 1980

INT-CL-

CURRENT:

TYPE	IPC	DATE
CIPS	F16 L 1/19	20060101

ABSTRACTED-PUB-NO: EP 20257 A

BASIC-ABSTRACT:

A device for the laying of a continuous underwater pipeline from a platform or a ship comprises a charging mast and a laying mast.

The charging mast is capable of swinging between a horizontal position and a vertical position. The laying mast is fitted with gripping and feeding mechanisms allowing an element of pipeline loaded on to it to be gripped and brought parallel to the mast.

The device includes control mechanisms capable of lowering the pipeline element under a constant tension independent of the transporter and in the axis of the free end of the part of the pipeline already laid, and means of gripping and supporting that end, as well as mechanisms for controlling the means of gripping and supporting that end under a constant tension independent of the movements of the transporter.

The improvement comprises integrating the charging mast and the laying mast; two such units working alternately, are provided.

The pipe laying process is simplified and accelerated.

TITLE-TERMS: LAY UNDERSEA PIPE MODE SHIP TWO PIVOT MAST COMBINATION LOAD FUNCTION OPERATE ALTERNATE

DERWENT-CLASS: H03 Q24 Q38 Q67

CPI-CODES: H03-B; H03-D;